FACT SHEET

as required by LAC 33:IX.2411, for draft **Louisiana Pollutant Discharge Elimination System Permit No. LA0066800; AI 19066; PER20070001** to discharge to waters of the **State of Louisiana** as per LAC 33:IX.2311.

The **permitting authority** for the Louisiana Pollutant Discharge Elimination System (LPDES) is:

Louisiana Department of Environmental Quality
Office of Environmental Services
P. O. Box 4313
Baton Rouge, Louisiana 70821-4313

I. THE APPLICANT IS: City of Kenner
City of Kenner Wastewater Treatment Plant
1801 Williams Boulevard, Building B, Suite 200
Kenner, Louisiana 70062

II. PREPARED BY: Todd Franklin

DATE PREPARED: July 31, 2007

III. PERMIT ACTION: reissue LPDES permit LA0066800, AI 19066; PER20070001

LPDES application received: April 5, 2007

EPA has not retained enforcement authority.

Previous LPDES permit effective: June 1, 2002
Previous LPDES permit expires: May 31, 2007

The previous LPDES permit contained limitations for two treatment plants (Plant #2 and Plant #3). According to the application, Plant #2 has been decommissioned. Therefore, limitations for Plant #2 will be removed from the permit.

IV. FACILITY INFORMATION:

A. The application is for the discharge of treated sanitary wastewater from a publicly owned treatment works serving the City of Kenner.

B. The permit application indicates the receipt of industrial wastewater. The industrial dischargers include:

Name of Discharger	Flow
Metal Graphics, Inc.	419 GPD
JGT Acquisitions Company, LLC	4,278 GPD
Oschner Medical Center Kenner	150,000 GPD
Entech Systems Corporation	100 GPD
Circuit Services, Inc.	1,048 GPD
Severn Trent Laboratory	556 GPD

Karl Senner, Inc.	1,564 GPD
Louis Armstrong International Airport	169,457 GPD
Pellerin Minor Corporation	7,505 GPD

C. The facility is located at 1 West 30th Street in Kenner, Jefferson Parish.

D. The treatment facility consists of two activated sludge treatment plants. The North Plant (10.25 MGD) consists of two bar screens, two grit chambers, six aeration basins with fine bubble diffused air, six final clarifiers, and four aerobic digesters. The South Plant (3.3 MGD) consists of two bar screens, one grit chamber, and two combination aeration basin-clarifier tanks. The South Plant utilizes the North Plant's digesters. Sodium hypochlorite is used for disinfection.

E. Outfall 001

Discharge Location: Latitude 29° 58′ 25″ North
Longitude 90° 15′ 57″ West

Description: treated sanitary wastewater

Design Capacity: 13.55 MGD

Type of Flow Measurement which the facility is currently using:

two in-line magnetic flow meters with totalizers

V. RECEIVING WATERS:

The discharge is into the Mississippi River in Subsegment 070301 of the Mississippi River Basin. This segment is not listed on the 303(d) list of impaired waterbodies.

The **critical low flow** (7Q10) of the Mississippi River is 141,955 cfs.

The **hardness value** is 149.7 mg/l and the **fifteenth percentile value for TSS** is 25 mg/l.

The designated uses and degree of support for Subsegment 070301 of the Mississippi River Basin are as indicated in the table below[1/]:

Overall Degree of Support for Segment	Degree of Support of Each Use						
Full	Primary Contact Recreation	Secondary Contact Recreation	Propagation of Fish & Wildlife	Outstanding Natural Resource Water	Drinking Water Supply	Shell fish Propagation	Agriculture
	Full	Full	Full	N/A	Full	N/A	N/A

[1/] The designated uses and degree of support for Subsegment 070301 of the Mississippi River Basin are as indicated in LAC 33:IX.1123.C.3, Table (3) and the 2004 Water Quality Management Plan, Water Quality Inventory Integrated Report, Appendix A, respectively.

VI. ENDANGERED SPECIES:

The receiving waterbody, Subsegment 070301 of the Mississippi River Basin, is listed in Section II.2 of the Implementation Strategy as requiring consultation with the U.S. Fish and Wildlife Service (FWS) as habitat for the Pallid Sturgeon, which is listed as an endangered species. Since effluent limitations are established in the permit to ensure protection of aquatic life and maintenance of the receiving water as aquatic habitat, LDEQ has determined that the issuance of this LPDES permit is not likely to adversely affect the Pallid sturgeon or its aquatic habitats. As instructed by the FWS in a letter dated September 29, 2006, from Watson (FWS) to Brown (LDEQ), this fact sheet has been sent to the FWS for review and consultation.

VII. HISTORIC SITES:

The discharge is from an existing facility location, which does not include an expansion beyond the existing perimeter. Therefore, there should be no potential effect to sites or properties on or eligible for listing on the National Register of Historic Places, and in accordance with the 'Memorandum of Understanding for the Protection of Historic Properties in Louisiana Regarding LPDES Permits' no consultation with the Louisiana State Historic Preservation Officer is required.

VIII. PUBLIC NOTICE:

Upon publication of the public notice, a public comment period shall begin on the date of publication and last for at least 30 days thereafter. During this period, any interested persons may submit written comments on the draft permit modification and may request a public hearing to clarify issues involved in the permit decision at this Office's address on the first page of the statement of basis. A request for a public hearing shall be in writing and shall state the nature of the issues proposed to be raised in the hearing.

Public notice published in:

Local newspaper of general circulation

Office of Environmental Services Public Notice Mailing List

For additional information, contact:

Mr. Todd Franklin
Permits Division
Department of Environmental Quality
Office of Environmental Services
P. O. Box 4313
Baton Rouge, Louisiana 70821-4313

IX. PROPOSED PERMIT LIMITS:

Subsegment 070301, Mississippi River-from Monte Sano Bayou to Head of Passes, is not listed on LDEQ's Final 2004 303(d) List as impaired, and to date no TMDL's have been established. A reopener clause will be established in the permit to allow for the requirement of more stringent effluent limitations and requirements as imposed by any future TMDLs.

The previous LPDES permit contained water quality based limits for Total Residual Chlorine. As per LAC 33:IX.2707L.2.a.ii, availability of information which was not available at the time of previous permit issuance and will justify the application of less stringent effluent limitations in the proposed permit constitutes an exception to LAC 33:IX.2707.L.1, which states when a permit is renewed or reissued standards or conditions must be at least as stringent as the final limitations, standards, or conditions in the previous permit. In the previous permit, a TRC limitation of 0.95 mg/l monthly average was imposed on the facility. A geometric mean of the DMR results, as reported on the Discharge Monitoring Reports (DMRs) from March 2005 through February 2007, was found to be 0.842 mg/l. The geometric mean was evaluated in a water quality screen and indicated that there was no need for water quality based limits for TRC. Therefore, limitations for TRC shall be removed from the permit.

The previous LPDES permit also contained monitoring and reporting requirements for phosphorous and TKN to address the phosphorous and nitrogen impairments in the Mississippi River. According to the LDEQ's Final 2004 303(d) List, the Mississippi River has been delisted for all impairments. Therefore, the monitoring and reporting requirements have been removed from the permit.

Changes from previous permit:

- Limitations for Wastewater Treatment Plant #2 have been removed from the permit.
- Limitations for TRC have been removed from the permit.
- Phosphorous and TKN reporting requirements have been removed from the permit.

Final Effluent Limits:

OUTFALL 001

Final limits shall become effective on the effective date of the permit and expire on the expiration date of the permit.

Effluent Characteristic	Monthly Avg. (lbs./day)	Monthly Avg.	Weekly Avg.	Basis
BOD_5	3,390	30 mg/l	45 mg/l	Limits are set in accordance with the Statewide Sanitary Effluent Limitations Policy (SSELP) for facilities of this treatment type and size which discharge into the Mississippi River.
TSS	3,390	30 mg/l	45 mg/l	

Fecal Coliform

The discharge from this facility is into a water body which has a designated use of Primary Contact Recreation. According to LAC 33:IX.1113.C.5.a, the fecal coliform standards for this water body are 200/100 ml and 400/100 ml. Therefore, the limits of 200/100 ml (Monthly Average) and 400/100 ml (Weekly Average) are proposed as Fecal Coliform limits in the permit. These limits are being proposed through Best Professional Judgement in order to ensure that the water body standards are not exceeded, and due to the fact that existing facilities have demonstrated an ability to comply with these limitations using present available technology.

pH

According to LAC 33:IX.3705.A.1., POTW's must treat to at least secondary levels. Therefore, in accordance with LAC 33:IX.5905.C, the pH shall not be less than 6.0 standard units nor greater than 9.0 standard units at any time.

Solids and Foam

There shall be no discharge of floating solids or visible foam in other than trace amounts in accordance with LAC 33:IX.1113.B.7.

Toxicity Characteristics

In accordance with EPA's Region 6 Post-Third Round Toxics Strategy, permits issued to treatment works treating domestic wastewater with a flow (design or expected) greater than or equal to 1 MGD shall require biomonitoring at some frequency for the life of the permit or where available data show reasonable potential to cause lethality, the permit shall require a whole effluent toxicity (WET) limit (*Permitting Guidance Document for Implementing Louisiana Surface Water Quality Standards*, September 27, 2001 VERSION 4).

Whole effluent biomonitoring is the most direct measure of potential toxicity which incorporates the effects of synergism of the effluent components and receiving stream water quality characteristics. Biomonitoring of the effluent is, therefore, required as a condition of this permit to assess potential toxicity. LAC 33:IX.1121.B.3. provides for the use of biomonitoring to monitor the effluent for protection of State waters. The biomonitoring procedures stipulated as a condition of this permit are as follows:

The permittee shall submit the results of any biomonitoring testings performed in accordance with the LPDES Permit No. LA0066800, **Biomonitoring Section** for the organisms indicated below.

TOXICITY TESTS	FREQUENCY
48 Hour Definitive Toxicity Test using Daphnia pulex	1/year
48 Hour Definitive Toxicity Test using fathead minnow (Pimephales promelas)	1/year

Dilution Series - The permit requires five (5) dilutions in addition to the control (0% effluent) to be

used in the toxicity tests. These additional concentrations shall be 0.19%, 0.25%, 0.33%, 0.44%, and 0.59%. The biomonitoring critical low-flow dilution is defined as 0.44% effluent. The critical dilution is calculated in Appendix B-1 of this fact sheet. According to the Implementation of State Standards, acute toxicity testing in addition to, or in lieu of, chronic toxicity testing may be imposed for discharges that have a critical dilution of five percent (5%) or less. An acute to chronic ratio has been applied in the calculations. Results of all dilutions shall be documented in a full report according to the test method publication mentioned in the **Biomonitoring Section** under Whole Effluent Toxicity. This full report shall be submitted to the Office of Environmental Compliance as contained in the Reporting Paragraph located in the **Biomonitoring Section** of the permit.

The permit may be reopened to require effluent limits, additional testing, and/or other appropriate actions to address toxicity if biomonitoring data show actual or potential ambient toxicity to be the result of the permittee's discharge to the receiving stream or water body. Modification or revocation of the permit is subject to the provisions of LAC 33:IX.2383. Accelerated or intensified toxicity testing may be required in accordance with Section 308 of the Clean Water Act.

Toxic Substances

Due to drinking water supply being a designated use, the permittee shall analyze the final effluent for the presence of the following toxic substances. The MQL is intended as action levels. Should a toxic substance exceed the MQL, the permittee shall determine the source of the substance and take whatever measures necessary to secure abatement in order to protect all drinking water sources downstream of the discharge. Records of any actions taken shall be made available upon request by any duly authorized regional inspectors and/or LDEQ Headquarter representatives.

A report containing the results of the lab analysis indicating if any toxic substances have exceeded the MQL including a brief summary of any abatement taken at the time, must be submitted to this Office within 20 days of completion of the analysis. **The first analysis shall be performed within one year following the effective date of the permit, and annually thereafter, by a 24-hour composite sample type.**

Reports must be submitted to the following address:

Department of Environmental Quality
Office of Environmental Compliance
Enforcement Division
Post Office Box 4312
Baton Rouge, Louisiana 70821-4312

TOXIC SUBSTANCES

TOXIC SUBSTANCES (CAS NO.)	Required MQL (µg/l)
VOLATILE ORGANIC CHEMICALS	
Acrolein (107-02-8)	50
acrylonitrile (107-13-1)	50
benzene (71-43-2)	10
bromodichloromethane (dichlorobromomethane) (75-27-4)	10

bromoform (tribromomethane) (75-25-2)	10
carbon tetrachloride (56-23-5)	10
chlorobenzene (108-90-7)	10
chloroform (trichloromethane)	10
chloromethane (methyl chloride) (74-87-3)	50
1,1-dichloroethane (75-34-3)	10
1,2-dichloroethane (107-06-2)	10
1,1-dichloroethylene (75-35-4)	10
dichloromethane (methylene chloride) (75-09-2)	20
cis-1,3-dichloropropene	10
trans-1,3-dichloropropene	10
ethylbenzene (100-41-4)	10
para-dichlorobenzene	---
1,1,2,2-tetrachloroethane (79-34-5)	10
tetrachloroethylene (127-18-4)	10
toluene (108-88-3)	10
1,1,1-trichloroethane (71-55-6)	10
1,1,2-trichloroethane (79-00-5)	10
trichloroethylene (79-01-6)	10
vinyl chloride (chloroethylene) (75-01-4)	10
ACID EXTRACTABLE ORGANIC CHEMICALS	
2-chlorophenol (95-57-8)	10
3-chlorophenol	10
4-chlorophenol	10
2,4-dichlorophenol (120-83-2)	10
2,3-dichlorophenol	10
2,5-dichlorophenol	10
2,6-dichlorophenol	10
3,4-dichlorophenol	10
2,4-dinitrophenol (51-28-5)	50
pentachlorophenol (87-86-5)	50
phenol (108-95-2)	10
2,4,6-trichlorophenol (88-06-2)	10
BASE/NEUTRAL EXTRACTABLE ORGANIC CHEMICALS	
anthracene (120-12-7)	10
benzidine (92-87-5)	50
bis(2-chloroethyl)ether (111-44-4)	10
bis(2-chloro-1-methylethyl)ether (39638-32-9)	10
bis(2-ethylhexyl)phthalate (117-81-7)	10

di-n-butyl phthalate (84-74-3)	10
1,3-dichlorobenzene (541-73-1)	10
1,2-dichlorobenzene (95-50-1)	10
1,4-dichlorobenzene (106-46-7)	10
3,3-dichlorobenzidine (91-94-1)	50
diethyl phthalate (84-66-2)	10
dimethyl phthalate (131-11-3)	10
2,4-dinitrotoluene (121-14-2)	10
1,2-diphenylhydrazine (122-66-7)	20
fluoranthene (206-44-0)	10
hexachlorobenzene (118-07-1)	10
hexachlorobutadiene (87-68-3)	10
hexachlorocyclopentadiene (77-47-4)	10
hexachloroethane (67-72-1)	20
isophorone (78-59-1)	10
nitrobenzene (98-95-3)	10
N-nitrosodimethylamine (62-75-9)	50
N-nitrosodiphenylamine (86-30-6)	20
PESTICIDES & PCBs	
aldrin (309-00-2)	0.05
PCB's (Total)	1.0
gamma-BHC (Lindane, Hexachlorocyclohexane) (58-89-9)	0.05
chlordane (57-74-9)	0.2
4,4"DDD (TDE) (72-54-8)	0.1
4,4"DDE (72-55-9)	0.1
4,4"DDT (50-29-3)	0.1
Dieldrin (60-57-1)	0.1
endosulfan I (alpha) (115-29-7)	0.1
endosulfan II (beta) (115-29-7)	0.1
endrin (72-20-8)	0.1
heptachlor (76-44-8)	0.05
methoxychlor	---
2,3,7,8-tetrachlorodibenzo-p-dioxin (1764-01-6)	---
toxaphene (8001-35-2)	5.0
2,4-dichlorophenoxyacetic acid (2,4-D) (94-75-7)	10
2-(2,4,5-trichlorophenoxy)proprionic acid	4
METALS	

antimony (7440-36-0)	60
arsenic (7440-38-2)	10
barium	---
beryllium (7440-41-7)	5
cadmium (7440-43-9)	1
chromium III (16065-83-1)	10
chromium VI (7440-47-3)	10
copper (7550-50-8)	10
lead (7439-92-1)	5
flouride	---
mercury (7439-97-6)	0.2
nickel (7440-02-0)	40
nitrate (as N)	---
selenium (7782-49-2)	5
silver (7440-22-4)	2
thallium (7440-28-0)	10
zinc (7440-66-6)	20
MISCELLANEOUS	
cyanide	20
total phenols	5

X. **PREVIOUS PERMITS:**

LPDES Permit No. LA0041009: Effective: May 1, 2002
Expired: April 30, 2007

Outfall 201

Effluent Characteristic	Discharge Limitations Monthly Avg.*	Monthly Avg.	Weekly Avg.	Monitoring Requirements Measurement Frequency	Sample Type
Flow	---	Report	Report	Continuous	Recorder
BOD_5	1,251	30 mg/l	45 mg/l	5/week	12 Hr Comp
TSS	1,251	30 mg/l	45 mg/l	5/week	12 Hr Comp
pH	Range (6.0 su – 9.0 su)			5/week	Grab

* Effluent units are lbs/day

Outfall 301

Effluent Characteristic	Discharge Limitations Monthly Avg.*	Monthly Avg.	Weekly Avg.	Monitoring Requirements Measurement Frequency	Sample Type
Flow	---	Report	Report	Continuous	Recorder
BOD_5	2,127	30 mg/l	45 mg/l	5/week	12 Hr Comp
TSS	2,127	30 mg/l	45 mg/l	5/week	12 Hr Comp

pH	Range (6.0 su – 9.0 su)	1/day	Grab

• Effluent units are lbs/day

Outfall 001

Effluent Characteristic	Discharge Limitations Monthly Avg.*	Monthly Avg.	Weekly Avg.	Monitoring Requirements Measurement Frequency	Sample Type
TRC	---	0.95 mg/l	---	5/week	Grab
Fecal Coliform Colonies/100 ml	---	200	400	5/week	Grab
Phosphorus	Report	Report (mg/l)	Report (mg/l)	1/month	Grab
TKN	Report	Report (mg/l)	Report (mg/l)	1/month	Grab
Toxic Substances	---	---	---	1/year	24 Hr. Comp.
Biomonitoring					
Pimephales promelas	---	Report	Report	1/year	24 Hr Comp
Daphnia pulex	---	Report	Report	1/year	24 Hr Comp

• Effluent units are lbs/day

The permit contains biomonitoring.
The permit contains pollution prevention language.
The permit contains pretreatment requirements

XI. ENFORCEMENT AND SURVEILLANCE ACTIONS:

A) Inspections

A review of the files indicates the following most recent inspection performed for this facility.

Date – April 28, 2005
Inspector - LDEQ
Findings and/or Violations –

1. At plant #3, the south unit of the south plant had floating pieces of sludge in the clarifier.
2. #2 and #3 final clarifiers in the north plant had floating pieces of sludge. #3 also had cracks in the apron that forms the channel around the perimeter of the clarifier. A work order was submitted for repair.
3. The thermometer in the sample refrigerator read 4° C.
4. The by-pass of effluent to the Crestview Canal was stopped on 4/22/2005.
5. At plant #2, the level in the parshall flume serving the 1977 portion was 11 inches at 1250. The meter read 2,225 MGD.
6. The flume was last serviced on 4/27/2004.
7. The thermometer in the sample refrigerator read 6° C. There was about an inch of frost on the wall near the coils.

Date – October 10, 2005
Inspector - LDEQ
Findings and/or Violations –

- An assessment in response to Hurricane Katrina:

  - This facility, according to neighbors and maintenance workers at the adjacent golf course/country club, is an unmanned WWTP. There were obvious signs of previous activity that included Kenner Police Department generators along the wall. There are no signs of serious flooding based on the looks of buildings, tanks, and surrounding landscape.

A Hurricane Impact Damage Audit was received by the Department on February 3, 2006. This audit indicated that the treatment plant has returned to Pre-Hurricane Katrina operational status.

Date – December 28, 2006
Inspector - LDEQ
Findings and/or Violations –

1. The facility was issued an LPDES permit, effective dates June 1, 2002, through May 31, 2007. The permit authorized discharges from plants 2 & 3.
2. Plant 2 was taken off-line on or about July 1, 2006.
3. Plant 3 was expanded by the addition of 2 new activated sludge aeration basins and 2 new secondary clarifiers.
4. Laboratory findings:
   - pH holding times are exceeded (greater than 15 minutes)
   - TRC samples are not analyzed immediately.
   - Fecal Coliform samples are held for approximately 50 minutes before preservation.
5. Self Monitoring:
   - Plant 3 is comprised of the south plant and the north plant. The effluents are sampled independently before chlorination but the two samples are combined, analyzed, and reported as 1 sample result.
6. The permittee has on file a letter from the USEPA (dated 11/1/1994) approving a delay in the TRC analysis.
7. The permittee states that the USEPA granted approval for the detention of 50 minutes. This record is currently being sought.
8. On 1/8/2007, the inspector met with the following to discuss the findings of the inspection conducted on 12/28/2006:
   - Prat Reddy, P.E. / Director Department of Public Works
   - Joanne Massony, Project Manager / Veolia Water
   - Sherman Dickerson, Plant Operations Manager / Veolia Water
   - David J. Smith, P.E. / Veolia Water
9. Copies of laboratory records were provided for review on 1/9/2007.
10. The facility was visited on 1/31/2007, to discuss findings concluded after the records review was completed. Findings are as follows:
    - The DMR "NO EX" column is not filled out correctly consistently. The monthly average was included in this column on some DMRs. The "NO EX" column is for the number of sample measurement that exceed the

maximum (and or minimum or weekly average) permit limits.

- Three pH samples are collected and analyzed daily for Outfall 301. Duplicate analysis is performed on alternating days for the North and South Plants. DMR minimum and maximum values are taken from all the results.
- Several permit noncompliances were reported during the monitoring period of 4/2005 – 11/2006.
- Biomonitoring was not conducted for the monitoring period of 6/1/2005 through 5/31/2006.
- Outfall 201 TSS results for 4/20/2006 were not used in the determination of the weekly average for the DMR.
- A revised DMR was submitted for the April 2006 DMR, deleting and replacing Outfall 301 TSS results.
- The permittee was issued a CCO & NOPP on 4/11/2004 for overflows. Overflows are still being reported.

B) Compliance and/or Administrative Orders

A review of the files indicates the following most recent enforcement actions administered against this facility:

LDEQ Issuance:

Consolidated Compliance Order & Notice of Potential Penalty
Docket Number WE-CN-03-0621
Date Issued – May 11, 2004

Findings of Fact:

1. The Respondent owns and/or operates two POTWs serving the City of Kenner located at 1200 38th Street (Plant #2, AI # 30360) and 1 West 30th Street (Plant #3, AI# 19066) in Kenner, Jefferson Parish, Louisiana. The Respondent's Plant #2 was issued NPDES permit LA0038334 effective September 1, 1994, with an expiration date of August 31, 1999. The Respondent submitted a permit renewal application in a timely manner and NPDES permit LA0038334 was administratively continued. In accordance with the assumption of the NPDES program by the state of Louisiana, NPDES permit LA0038334 became LPDES permit with the same expiration date. The Respondent's Plant #3 was issued NPDES permit LA0066800 effective October 28, 1991, which was modified on June 1, 1995, and expired on October 27, 1996. The Respondent submitted a permit renewal application in a timely manner and NPDES Permit LA0066800 was administratively continued. In accordance with the assumption of the NPDES program by the state of Louisiana, NPDES permit LA0066800 became LPDES permit with the same expiration date. LPDES permits LA0038334 and LA0066800 were reissued under combined LPDES permit LA0066800 with an effective date of June 1, 2002. LPDES permit LA0066800 expires on May 31, 2007. Under the terms and conditions of LPDES permit LA0066800, the Respondent is authorized to discharge treated sanitary wastewater from its facility to the Mississippi River, waters of the state.

2. An inspection at Plant #2 on June 5, 2003, and a subsequent file review on March 14, 2004, revealed that overflows had occurred as reported by the Respondent. Between September 2001 and May 2002, there were twenty-three (23) overflows reported by the permittee.
3. An inspection at Plant #3 on June 5, 2003, and a subsequent file review on March 15, 2004, revealed that overflows had occurred as reported by the Respondent. Between September 2001 and January 2004, there were two hundred forty-two (242) overflows reported by the permittee.

Order:

1. To immediately take any and all steps necessary to meet and maintain compliance with the permit limitations and conditions contained in LPDES permit LA0066800.
2. The Respondent shall submit a comprehensive plan for the expeditious elimination and prevention of such noncomplying discharges. Such plan shall provide for specific corrective actions taken and shall include a critical path schedule for the achievement of compliance within the shortest time possible.
3. To submit to the Enforcement Division a written report that includes a detailed description of the circumstances surrounding the cited violations and actions taken or to be taken to achieve compliance with the compliance order.

C) DMR Review

A review of the discharge monitoring reports for the period beginning March 2005 through February 2007 has revealed the following violation:

Parameter	Outfall	Period of Excursion	Permit Limit	Reported Quantity
TSS, Monthly Avg.	301	December 2005	30 mg/l	35 mg/l
BOD_5, Monthly Avg.	201	January 2006	1,251 lbs/day	DID NOT REPORT
TSS, Monthly Avg.	201	January 2006	1,251 lbs/day	DID NOT REPORT
TSS, Monthly Avg.	201	January 2006	30 mg/l	39 mg/l
TSS, Weekly Avg.	201	January 2006	45 mg/l	69 mg/l
Flow, Monthly Avg.	201	January 2006	REPORT	DID NOT REPORT
Flow, Weekly Avg.	201	January 2006	REPORT	DID NOT REPORT
BOD_5, Monthly Avg.	301	January 2006	2,127 lbs/day	DID NOT REPORT
TSS, Monthly Avg.	301	January 2006	2,127 lbs/day	DID NOT REPORT
Flow, Monthly Avg.	301	January 2006	REPORT	DID NOT REPORT
Flow, Weekly Avg.	301	January 2006	REPORT	DID NOT REPORT
BOD_5, Monthly Avg.	301	February 2006	2,127 lbs/day	DID NOT REPORT
TSS, Monthly Avg.	301	February 2006	2,127 lbs/day	DID NOT REPORT
Flow, Monthly Avg.	301	February 2006	REPORT	DID NOT REPORT
Flow, Weekly Avg.	301	February 2006	REPORT	DID NOT REPORT
TSS, Monthly Avg.	201	April 2004	30 mg/l	31 mg/l

XII. ADDITIONAL INFORMATION:

LDEQ reserves the right to impose more stringent discharge limitations and/or additional restrictions in the future. Additional limitations and/or restrictions are based upon water quality studies and can

indicate the need for advanced wastewater treatment. Water quality studies of similar dischargers and receiving water bodies have resulted in monthly average effluent limitations of 5mg/L $CBOD_5$ and 2 mg/L NH_3-N. Prior to upgrading or expanding this facility, the permittee should contact LDEQ to determine the status of the work being done to establish future effluent limitations and additional permit conditions.

The nearest drinking water intakes, East Jefferson Waterworks Dist. 1 and New Orleans Carrollton Waterworks are located approximately 9 river miles downstream from the discharge point(s). Nearby potable water industrial intakes include Domino Sugar and Calciner Industries, Inc.

Final effluent loadings (i.e. lbs/day) have been established based upon the permit limit concentrations and the design capacity of 13.55 MGD.

Effluent loadings are calculated using the following example:

BOD_5: 8.34 gal/lb x 13.55 MGD x 30 mg/l = 3,390 lbs/day

At present, the Monitoring Requirements, Sample Types, and Frequency of Sampling as shown in the permit are standard for facilities of flows over 10 MGD.

Effluent Characteristics	Monitoring Requirements	
	Measurement Frequency	Sample Type
Outfall 001		
Flow	Continuous	Recorder
BOD_5	1/day	12 Hr. Composite
Total Suspended Solids	1/day	12 Hr. Composite
pH	1/day	Grab
Fecal Coliform Bacteria	1/day	Grab
Biomonitoring Daphnia pulex	1/year	24 Hr. Composite
Pimephales promelas	1/year	24 Hr. Composite
Toxic Substances	1/year	24 Hr. Composite

Pretreatment Requirements

Based upon consultation with LDEQ pretreatment personnel, LDEQ Option 2A Pretreatment Language is required for this facility. This language is established for municipalities with industrial users on their collection system and with an approved pretreatment program.

Pollution Prevention Requirements

The permittee shall institute or continue programs directed towards pollution prevention. The permittee shall institute or continue programs to improve the operating efficiency and extend the useful life of the facility. The permittee will complete an annual Environmental Audit Report **each year** for the life of this permit according to the schedule below. The permittee will accomplish this requirement by completing an Environmental Audit Form which has been attached to the permit. All other requirements of the Municipal Wastewater Pollution Prevention Program are contained in Part II of the permit.

The audit evaluation period is as follows:

Audit Period Begins	Audit Period Ends	Audit Report Completion Date
Effective Date of Permit	12 Months from Audit Period Beginning Date	3 Months from Audit Period Ending Date

Stormwater Discharges

Because the design flow of the City of Kenner Wastewater Treatment Plant is greater than 1.0 MGD and in accordance with LAC 33:IX.2511.B.14.i, the facility may contain storm water discharges associated with industrial activity. Therefore, in accordance with LAC 33:IX.2511.A.1.b, specific requirements addressing stormwater discharges will be included in the discharge permit.

Acceptance of Hauled Domestic Septage

The permit application indicated that hauled domestic septage was being accepted at the facility. Therefore, specific requirements pertaining to the acceptance of hauled domestic septage has been included in the discharge permit.

XIII TENTATIVE DETERMINATION:

On the basis of preliminary staff review, the Department of Environmental Quality has made a tentative determination to reissue a permit for the discharge described in this Statement of Basis.

XIV REFERENCES:

Louisiana Water Quality Management Plan / Continuing Planning Process, Vol. 8, "Wasteload Allocations / Total Maximum Daily Loads and Effluent Limitations Policy," Louisiana Department of Environmental Quality, 2005.

Louisiana Water Quality Management Plan / Continuing Planning Process, Vol. 5, "Water Quality Inventory Section 305(b) Report," Louisiana Department of Environmental Quality, 1998.

Louisiana Administrative Code, Title 33 - Environmental Quality, Part IX - Water Quality Regulations, Chapter 11 - "Louisiana Surface Water Quality Standards", Louisiana Department of Environmental Quality, 2004.

Louisiana Administrative Code, Title 33 - Environmental Quality, Part IX - Water Quality Regulations, Subpart 2 - "The LPDES Program", Louisiana Department of Environmental Quality, 2004.

Low-Flow Characteristics of Louisiana Streams, Water Resources Technical Report No. 22, United States Department of the Interior, Geological Survey, 1980.

Index to Surface Water Data in Louisiana, Water Resources Basic Records Report No. 17, United States Department of the Interior, Geological Survey, 1989.

LPDES Permit Application to Discharge Wastewater, City of Kenner, City of Kenner Wastewater Treatment Plant, April 5, 2007.